

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

PROPELLER LOG

1. Make:

MT-Propeller Entwicklung GmbH
2. Model:

MTV-6-R-C-F/CF194-80
3. Specification Number:

P19NE
4. Date of Manufacture:

OCTOBER 31 2024
5. Hub Serial Number:

241933
6. Blades:

a. Design Number:

b. Blade Serial Numbers:

i.

ii.

iii.

iv.

APG-107702

APG-107703

APG-107704

c. Pitch Setting

i. Basic:

ii. High:

iii. Low:

iv. Reverse:

v.

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat Luftfahrt-Bundesamt / Germany		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1 Freigabebescheinigung EASA-Formblatt 1			3. Form Tracking No. Lfd. Nummer 5074/24	
4. Organisation Name and Address: Name und Anschrift des Unternehmens MT-Propeller Entwicklung GmbH Flugplatzstraße 1 94348 Atting - Germany		5. Work Order/Contract/Invoice Arbeitsauftrag/Bestellung/Rechnung 2010035736				
6. Item Pos.	7. Description Beschreibung	8. Part No. Teile-Nr.	9. Qty. Menge	10. Serial No. Werk-Nr.	11. Status/Work Status/Arbeiten	
1	MTV-Propeller	MTV-6-R-C-F/CF194-80	1	241933	"NEW"	
2	Spinner Assembly	P-792-4-B	1	N/A	"NEW"	
(1) This propeller confirms to its United States type design (Type Certificate no. P19NE) and is in a condition for safe operation. (2) This propeller has been subjected by the manufacturer to a final operation check and is in a proper state for airworthiness. Reference FAR Section 21.500 which provides for the airworthiness acceptance of aircraft, engines or propellers manufactured outside the U.S. for which a U.S. type certificate has been issued. Additional guidance is contained in Advisory Circular 21-23, Airworthiness Certification of Civil Aircraft, Engines, Propellers and Products, imported into the United States.						
12. Remarks Bemerkungen New Propeller Blades: 1: APG-107702, 2: APG-107703, 3: APG-107704 Year of construction: 2024, TSN: 00:00 hrs. The propeller conforms with the EASA TCDS No. P.094, rev. 3 The propeller conforms to the FAA TCDS No. P19NE, rev. 8 The propeller identified by this Certificate has been examined and found to conform to the Canadian Department of Transport Type Certificate P-42, issue 3						
13a. Certifies that the items identified above were manufactured in conformity to: Bescheinigt, dass die oben angegebenen Artikel hergestellt wurden in Übereinstimmung mit: ☒ approved design data and are in a condition for safe operation genehmigten Konstruktionsdaten und sich in einem betriebssicheren Zustand befinden ☐ non-approved design data specified in block 12 nicht genehmigten Konstruktionsdaten gemäß Angabe in Feld 12			14a. ☐ Part-145.A.50 Release to Service Teil-145.A.50 Freigabe ☐ Other Regulation specified in block 12 Andere in Feld 12 angegebene Vorschrift Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part 145 and in respect to that work the items are considered ready for release to service. Bescheinigt hiermit, dass, wenn in Feld 12 nichts anderes festgelegt ist, die in Feld 11 aufgeführte und in Feld 12 beschriebene Arbeit in Übereinstimmung mit Teil-145 durchgeführt wurde und dass der Artikel im Hinblick auf diese Arbeit für die Erteilung einer Freigabe geeignet ist.			
13b. Authorised Signature Rechtsgültige Unterschrift 		13c. Approval/Authorisation Number Nr. der Genehmigung DE.21G.0008		14b. Authorised Signature Rechtsgültige Unterschrift		
13d. Name Name Gregor Paisdzior		13e. Date (dd mmm yyyy) Datum (TT MMM JJJJ) 31 Oct 2024		14c. Certificate/Approval Ref. No. Nr. der Genehmigung / Zulassung		
13d. Name Name Gregor Paisdzior		14d. Name Name		14e. Date (dd mmm yyyy) Datum (TT MMM JJJJ)		
USER/INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in block 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. VERANTWORTLICHKEITEN DES BENUTZERS/AUSRÜSTERS Diese Bescheinigung verleiht nicht automatisch die Befugnis zum Einbau der Artikel. Führt der Benutzer/Ausrüster Arbeiten in Übereinstimmung mit den Vorschriften einer anderen Luftfahrtbehörde als der in Feld 1 angegebenen Luftfahrtbehörde durch, muss der Benutzer/Ausrüster sicherstellen, dass seine Luftfahrtbehörde Artikel der in Feld 1 angegebenen Luftfahrtbehörde akzeptiert. Angaben in den Feldern 13a und 14a stellen keine Einbaubescheinigung dar. In jedem Fall müssen die Instandhaltungsunterlagen des Luftfahrzeugs eine Einbaubescheinigung enthalten, die in Übereinstimmung mit den nationalen Vorschriften vom Benutzer/Ausrüster ausgestellt wurde, bevor ein Flug mit dem Luftfahrzeug durchgeführt werden darf.						

PROPELLER LOG

on Number:	MT-Propeller Entwicklung GmbH
nufacture:	MTV-6-R-C-F/CF194-80
Number:	P19NE
	OCTOBER 31 2024
	241933
ign Number:	
de Serial Numbers:	
i. :	APG-107702
i. :	APG-107703
i. :	APG-107704
h Setting	
i. Basic:	
i. High:	
i. Low:	
✓ Reverse:	

Section 4A: Propeller Service and Maintenance Record



DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

Registration: N286LA
AC Serial Number: 62.C102
LH Engine Serial Number: E4P-C-06603
RH Engine Serial Number: E4P-C-06602
LH Prop Serial Number: 241933
RH Prop Serial Number: 241932
Airframe Total Time: 4.7 HRS

- LH Propeller Total time brought forward from Production Test Flight Journey Log (DAI - Form Q-224): 4.7 HRS
- LH Propeller installed new on DA 62, S/N: 62.C102
- Prop Dynamic Balance performed:
 - 17.0g located @ 300°
 - Balanced to 0.19 IPS
- Bi-weekly AWD check carried out to current revision 2025-10 all applicable AD's complied with, see attached.
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.

 DA Q 111
Inspector

MAY 20 2025
date

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AMO 161-93

Aircraft Reg: N286LA
Work Order: S0075396

Date: June 26, 2025

	Model	Make	SN	TSN	
Airframe	Diamond	DA 62	62.C102	TSN:	4.7 Hrs.
LH Engine	Austro	E4P-C	E4P-C-06603	TSN:	4.7 Hrs.
RH Engine	Austro	E4P-C	E4P-C-06602	TSN:	4.7 Hrs.
LH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241933	TSN:	4.7 Hrs.
RH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241932	TSN:	4.7 Hrs.

The following work has been performed:

- Propeller SN: 241933 removed and reinstalled same position to facilitate Piston/Conrod replacement.
- Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.120 IPS @ 2000 RPM.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature:

ACA:



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